

Amendments to the Specification:

Please replace the paragraph beginning at page 5, line 30 with the following rewritten paragraph:

An embodiment of a device 1 according to the present invention is illustrated in Fig. 1. In the present embodiment, the luminous bodies of the luminaires are gas discharge lamps including a ballast for controlling the light level of the luminaire. A controller unit 2 is in the present embodiment equipped with four LMCs 3. The controller unit and the ballasts of the luminaires 5 are communicatively connected in a network. The network may be any type of digital network where each of the luminaires 5 may be assigned a digital address. For example, the network may be a DALI bus network where the ballasts of each luminaire can be controlled individually.

| The controller unit-3_2 includes data processing means and data memory means. The connection 4 between the controller unit and the luminaires can be any type of connection suitable for connecting one or more ballasts and a controller unit in an addressable digital bus system. The connection may be a wire connection or a wireless connection. In the wireless embodiment, the signals may be electromagnetic signals in the radio frequency (RF) range, the infrared (IR) frequency range, or any frequency range suitable for wireless communication. The controller unit may be mounted in the ceiling in an office. This is illustrated in Fig. 2, which is a small office room seen from above. The controller unit 22 and the luminaires 23 are mounted in the ceiling. The office comprises tables 24, is contained within walls 21 with windows 25 and is connected to the outside with a door 27. The light is controlled by use of wall switches 26.